

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A liquid crystal device, comprising:
a liquid crystal layer sealed between a pair of substrates of a liquid crystal panel including the pair of substrates arranged to face each other;
a first polarizer that converts incident light into a circularly polarized component in one rotary direction to emit to the liquid crystal panel, the first polarizer facing an incidence surface of the liquid crystal panel and having a birefringence characteristic that is set based on a peak wavelength of incident light, the first polarizer including a first linear polarizer and a first quarter-wavelength retardation plate, the first quarter-wavelength retardation plate having a phase shift amount, a product of four times the phase shift amount being substantially the same as the peak wavelength of the incident light; and
a second polarizer that transmits a circularly polarized component in another rotary direction of the light which passed through the liquid crystal panel, the second polarizer facing an exit surface of the liquid crystal panel and having a birefringence characteristic based on a peak wavelength of the incident light, the second polarizer including a second linear polarizer and a second quarter-wavelength retardation plate, the second quarter-wavelength retardation plate having a phase shift amount, a product of four times the phase shift amount being substantially the same as the peak wavelength of the incident light.
2. (Currently Amended) The liquid crystal device according to Claim 1, the birefringence characteristics of the first and second polarizers being set based on the peak wavelengths of only one of red light, green light, or blue light.
- 3-6. (Canceled)

7. (Original) The liquid crystal device according to Claim 1, the liquid crystal layer being formed of perpendicularly aligned liquid crystal.

8. (Original) A projection-type display device, comprising:
light valves of respective axes, each light valve having a same structure as the liquid crystal device according to Claim 1;

an input optical system that supplies light-source light having a plurality of axes with different peak wavelengths to the light valves of the respective axes; and

an output optical system that projects output light of the light valves of the respective axes.

9. (New) A projector comprising:
an optical system that supplies a first light along a first optical path and a second light along a second optical path, the first optical light having a first optical axis and a first peak wavelength, the second light having a second optical axis and a second peak wavelength, the first peak wavelength and the second peak wavelength being different from each other;

a first light valve disposed in the first optical path to receive the first light from the optical system, the first light valve including:

a first incident polarizer that converts the first light into a circularly polarized component in one rotary direction, the first incident polarizer including a first incident linear polarizer and a first incident quarter-wavelength retardation plate, the first incident quarter-wavelength retardation plate having a phase shift amount substantially equal to one quarter the first peak wavelength of the first light;

a liquid crystal panel that receives the circularly polarized component from the first incident polarizer, the liquid crystal panel including a pair of

substrates with a liquid crystal layer sealed therebetween, the liquid crystal panel transmitting the received circularly polarized component to an exit side thereof; and

a first exit polarizer disposed at the exit side of the liquid crystal panel and that transmits a component of light transmitted through the liquid crystal panel that is circularly polarized in another rotary direction than the one rotary direction, the first exit polarizer including a first exit linear polarizer and a first exit quarter-wavelength retardation plate, the first exit quarter-wavelength retardation plate having a phase shift amount substantially equal to one quarter the first peak wavelength of the first light;

a second light valve disposed in the second optical path to receive the second light from the optical system, the second light valve including:

a second incident polarizer that converts the second light into a circularly polarized component in one rotary direction, the second incident polarizer including a second incident linear polarizer and a second incident quarter-wavelength retardation plate, the second incident quarter-wavelength retardation plate having a phase shift amount substantially equal to one quarter the peak wavelength of the second light;

a light crystal panel that receives the circularly polarized component from the second incident polarizer, the liquid crystal panel including a pair of substrates with a liquid crystal layer sealed therebetween, the light crystal panel transmitting the received circularly polarized component to an exit side thereof; and

a second exit polarizer disposed at the exit side of the liquid crystal panel and that transmits a component of light transmitted through the liquid

crystal liquid panel that is circularly polarized in another rotary direction than the one rotary direction, the second exit polarizer including a second exit linear polarizer and a second exit quarter-wavelength retardation plate, the second exit quarter-wavelength retardation plate having a phase shift amount substantially equal to one quarter the peak wavelength of the second light.